ELSEVIER

J. Biochem. Biophys. Methods 34 (1997) 251–252

JOURNAL OF
biochemical and
biophysical
methods

Author Index

Aires-Barros, M.R., see Pinho Melo, E. (34) 45
Ashani, Y., see Grunwald, J. (34) 123

Barchi Jr, J.J., Jeong, L.-S., Siddiqui, M.A. and Marquez, V.E.
Conformational analysis of the complete series of 2′ and 3′ monofluorinated dideoxyuridines (34) 11
Befus, A.D., see Thethi, K. (34) 137
Bicanic, D., see Favier, J.P. (34) 205
Blomdahl, J.A., see Dill, K. (34) 161
Bolte, G., Knauss, M., Metzdorf, I. and Stern, M.
Dot blot chemiluminescence assay for studying food protein binding to small intestinal brush border membranes in vitro (34) 189
Bonner, P.L.R., see Lilley, G.R. (34) 31
Burkovski, A.
Rapid detection of bacterial surface proteins using an enzyme-linked immunosorbent assay system (34) 69

Cabral, J.M.S., see Pinho Melo, E. (34) 45
Chinali, G.
Isolation of tRNA isoacceptors by affinity chromatography with immobilized elongation factor Tu from *Escherichia coli* (34) 1
Cleary, I., see Graves, R. (34) 177
Clynes, M., see Graves, R. (34) 177
Costa, S.M.B., see Pinho Melo, E. (34) 45

Dabrowiak, J.C., see Shubsda, M.F. (34) 73
Dachs, F., see Horejsi, R. (34) 227
Davies, R., see Graves, R. (34) 177
Dill, K., Song, J.H., Blomdahl, J.A. and Olson, J.D.
Rapid, sensitive and specific detection of whole cells and spores using the light-addressable potentiometric sensor (34) 161
Duszyk, M., see Thethi, K. (34) 137

Favier, J.P., Bicanic, D., Helander, P. and Van Iersel, M.
The optothermal approach to a real time monitoring of glucose content during fermentation by brewers' yeast (34) 205

Goodisman, J., see Shubsda, M.F. (34) 73
Graves, R., Davies, R., Owen, P., Clynes, M., Cleary, I. and O'Beirne, G.
An homogeneous assay for measuring the uptake and efflux of radiolabelled drugs in adherent cells (34) 177
Griffin, M., see Lilley, G.R. (34) 31
Grunwald, J., Marcus, D., Papier, Y., Raveh, L., Pittel, Z. and Ashani, Y.
Large-scale purification and long-term stability of human butyrylcholinesterase: a potential bioscavenger drug (34) 123

Helander, P., see Favier, J.P. (34) 205
Heuck, A.P. and Wolosiuk, R.A.
Fluoresceinthiocarbamyl-insulin: A potential analytical tool for the assay of disulfide bon reduction (34) 213
Ho, J.W., see Sau Man Po, E. (34) 99
Horejsi, R., Kollenz, G., Dachs, F., Tillian, H.M. Schauenstein, K., Schauenstein, E. and Steinschifter, W.
Interheavy disulfide bridge in immunoglobulin G (IgG) reacting with dithionitrobenzoate. A unique feature in serum proteins (34) 227

Janzen, E.G., see Noseworthy, M.D. (34) 107
Jeong, L.-S., see Barchi Jr, J.J. (34) 11
Jurasz, P., see Thethi, K. (34) 137

Kerkhof, L.
Quantification of total RNA by ethidium bromide fluorescence may not accurately reflect the RNA mass (34) 147

Kingu, C.S. and Wei, R.
Alcohol dehydrogenase-catalyzed reduction of protein carbonyl derivatives (34) 61
Knauss, M., see Bolte, G. (34) 189
Kollenz, G., see Horejsi, R. (34) 227
Komsa-Penkova, R.S., Rashap, R.K. and Yomtova, V.M.
Advantages of orange-labelled collagen and gelatine as substrates for rapid collagenase activity measurement (34) 237
Kunwar, A.C., see Sarma, A.V.S. (34) 83

Lilley, G.R., Griffin, M. and Bonner, P.L.R.
Assays for the measurement of tissue transglutaminase (type II) mediated protein crosslinking via ϵ-(γ-glutamyl) lysine and N',N'-bis (γ-glutamyl) polyamine linkages using biotin labelled casein (34) 31

MacDonald, A.J., see Thethi, K. (34) 137
Man, S.F.P., see Thethi, K. (34) 137
Marcus, D., see Grunwald, J. (34) 123
Marquez, V.E., see Barchi Jr, J.J. (34) 11
Metzdorf, I., see Bolte, G. (34) 189

Noseworthy, M.D., Janzen, E.G., Towner, R.A. and Yamashiro, S.
In vivo study of halothane hepatotoxicity in the rat using magnetic resonance imaging and ^{31}P spectroscopy (34) 107

O'Beirne, G., see Graves, R. (34) 177
Olson, J.D., see Dill, K. (34) 161
Owen, P., see Graves, R. (34) 177

Papier, Y., see Grunwald, J. (34) 123
Pinho Melo, E., Aires-Barros, M.R., Costa, S.M.B. and Cabral, J.M.S.
Thermal unfolding of proteins at high pH range studied by UV absorbance (34) 45
Pittel, Z., see Grunwald, J. (34) 123

Raju, T.V., see Sarma, A.V.S. (34) 83
Rashap, R.K., see Komsa-Penkova, R.S. (34) 237
Raveh, L., see Grunwald, J. (34) 123
Rescigno, A., Sollai, F., Rinaldi, A.C., Soddu, G. and Sanjust, E.
Polyphenol oxidase activity staining in polyacrylamide electrophoresis gels (34) 155
Rinaldi, A.C., see Rescigno, A. (34) 155

Sanjust, E., see Rescigno, A. (34) 155
Sarma, A.V.S., Raju, T.V. and Kunwar, A.C.
NMR study of the peptide present in the principal neutralizing determinant (PND) of HIV-1 envelope glycoprotein gp120 (34) 83
Sau Man Po, E., Ho, J.W. and Yi Gong, B.
Simultaneous chromatographic analysis of eight fat-soluble vitamins in plasma (34) 99
Schauenstein, E., see Horejsi, R. (34) 227
Schauenstein, K., see Horejsi, R. (34) 227
Shubsda, M.F., Goodisman, J. and Dabrowiak, J.C.
Quantitation of ethidium-stained closed circular DNA in agarose gels (34) 73
Siddiqui, M.A., see Barchi Jr, J.J. (34) 11
Soddu, G., see Rescigno, A. (34) 155
Sollai, F., see Rescigno, A. (34) 155
Song, J.H., see Dill, K. (34) 161
Steinschifter, W., see Horejsi, R. (34) 227
Stern, M., see Bolte, G. (34) 189

Takakuwa, Y., see Yoshida, M. (34) 167
Thethi, K., Jurasz, P., MacDonald, A.J., Befus, A.D., Man, S.F.P. and Duszyk, M.
Determination of cell surface charge by photometric titration (34) 137
Tillian, H.M., see Horejsi, R. (34) 227
Towner, R.A., see Noseworthy, M.D. (34) 107
van Iersel, M., see Favier, J.P. (34) 205

Wei, R., see Kingu, C.S. (34) 61
Wolosiuk, R.A., see Heuck, A.P. (34) 213

Yamashiro, S., see Noseworthy, M.D. (34) 107
Yi Gong, B., see Sau Man Po, E. (34) 99
Yomtova, V.M., see Komsa-Penkova, R.S. (34) 237
Yoshida, M. and Takakuwa, Y.
Method for the simultaneous assay of initial velocities of lactate dehydrogenase isoenzymes following gel electrophoresis (34) 167

ELSEVIER

J. Biochem. Biophys. Methods 34 (1997) 253–254

JOURNAL OF
biochemical and
biophysical
methods

Subject Index

[^{14}C]adriamycin uptake, (34) 177
Affinity chromatography, (34) 1
Alcohol dehydrogenase–NADH, (34) 61
Anaesthetic, (34) 107
Assay, (34) 167

Bacillus subtilis (*globigii*) spores, (34) 161
Biotin labelled casein, (34) 31

Catecholase assay, (34) 155
Cell surface charge, (34) 137
Cell surface protein, (34) 69
Chemiluminescence, (34) 189
α-Chymotrypsin, (34) 45
Collagen orange, (34) 237
Collagenase activity, (34) 237
Conformational analysis, (34) 11
Corynebacterium, (34) 69
Cutinase, (34) 45
Cytostar-T, (34) 177

Disulfide bonds, (34) 213, 227
Dot blot, (34) 189

Electrophoresis, (34) 167
ELISA, (34) 69
Elongation factor Tu, (34) 1
Ethyldimethylaminopropylcarbodiimide modified casein, (34) 31
Extraction methods, (34) 99

Fermentation, (34) 205
Fluorescein, (34) 213
Fluorometric assay, (34) 213
Food protein binding, (34) 189

Gelatine orange, (34) 237
Glucose, (34) 205
ϵ-(γ-glutamyl) Lysine, (34) 31
gp120, (34) 83
Gran plot, (34) 137

Halothane, (34) 107
HIV, (34) 83
Homogenous uptake, efflux measurement, (34) 17
HPLC, (34) 99
Human butyrylcholinesterase, (34) 123

IgG, (34) 227
Insulin, (34) 213

Kirromycin, (34) 1

Labelled substrates, (34) 237
Lactate dehydrogenase isoenzymes, (34) 167
Lactate dehydrogenase, (34) 167
Lectin binding, (34) 189
Light addressable potentiometric sensor (LAPS) (34) 161
Liver, (34) 107

Mast cells, (34) 137
MDR, (34) 177
Measurement, (34) 61
Monitoring, (34) 205
MRI, (34) 107
MRS, (34) 107

N',*N'*-bis (γ-glutamyl) Polyamine, (34) 31
Nascent helix, (34) 83
Nuclear magnetic resonance spectroscopy, (34) 1
Nuclear magnetic resonance, (34) 83

PAGE, (34) 155
Peptides, (34) 83
Photoacoustic spectroscopy, (34) 205
Photometric titration, (34) 137
Plasma, (34) 99, 123
Polyphenol oxidase assay, (34) 155
Principal neutralizing determinant, (34) 83
Procainamide gel, (34) 123
Protein carbonylation, (34) 61
Protein disulfide isomerase, (34) 213

Protein structure and analysis, (34) 45
Protein unfolding, (34) 45
Pseudorotational analysis, (34) 11
Purification, (34) 123

Rat, (34) 107

Saccharomyces cerevisiae, (34) 205
Sintillating microplate, (34) 177
Sensitive and rapid assay, (34) 161
Sensors, (34) 205
Serum proteins, (34) 227
Small intestinal brush border membrane, (34) 189
Stability, (34) 123

4-*tert*-Butyl catechol, (34) 155
Thioredoxin, (34) 213
Tissue transglutaminase, (34) 31
Toxicity, (34) 107
TRNA isoacceptors, (34) 1
Tumor marker, (34) 227
β turn, (34) 83

Uridine 2′,3′ – dideoxynucleosides, (34) 11

Vitamins, (34) 99

Y. pestis cells, (34) 161